

Title (en)
COMMUNICATION APPARATUS, COMMUNICATION METHOD, COMPUTER PROGRAM, AND COMMUNICATION SYSTEM

Title (de)
KOMMUNIKATIONSVORRICHTUNG, KOMMUNIKATIONSVERFAHREN, COMPUTERPROGRAMM UND KOMMUNIKATIONSSYSTEM

Title (fr)
APPAREIL DE COMMUNICATION, PROCÉDÉ DE COMMUNICATION, PROGRAMME INFORMATIQUE ET SYSTÈME DE COMMUNICATION

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Application
EP 17153743 A 20100419

Priority

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- EP 10772144 A 20100419
- JP 2010056920 W 20100419

Abstract (en)
Even when the lengths of data items to be transmitted to users are not the same, the frames multiplexed at the same time finally have the same frame length and are transmitted. Even when the lengths of frames for the users are not the same at the time when a transmission request is received from a higher layer, a communication apparatus reconfigures at least two of the frames having short lengths into a frame having a long length through Aggregation so that the frames finally have the same frame length and transmits the frames at the same time in a multiplexed manner. On the transmitter side, the transmission power used per destination communication station can be increased due to a decrease in the total number of multiplexed frames. On the receiver side, an unstable AGC operation can be prevented.

IPC 8 full level
H04B 7/0452 (2017.01); **H04W 28/06** (2009.01); **H04W 84/12** (2009.01)

CPC (source: BR EP KR US)
H04B 7/0452 (2013.01 - BR EP US); **H04B 7/0617** (2013.01 - KR); **H04B 7/0697** (2013.01 - BR KR US); **H04J 3/1605** (2013.01 - KR); **H04L 1/0008** (2013.01 - US); **H04L 5/0001** (2013.01 - US); **H04L 5/22** (2013.01 - KR); **H04L 12/2838** (2013.01 - US); **H04W 28/06** (2013.01 - BR EP KR US); **H04W 52/346** (2013.01 - BR EP KR US); **H04W 72/0446** (2013.01 - US); **H04W 84/12** (2013.01 - BR KR); **H04B 7/0617** (2013.01 - US); **H04W 84/12** (2013.01 - EP US)

Citation (applicant)

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- JP 2001148646 A 20010529 - SONY CORP
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Citation (search report)

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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
EP 2429109 A1 20120314; EP 2429109 A4 20160330; EP 2429109 B1 20170315; BR PI1016146 A2 20160419; BR PI1016146 B1 20210309; CN 102415027 A 20120411; CN 102415027 B 20141008; DK 2429109 T3 20170327; EP 3182612 A1 20170621; EP 3182612 B1 20181212; EP 3461021 A1 20190327; EP 3461021 B1 20201007; JP 2010263491 A 20101118; JP 5316208 B2 20131016; KR 101693907 B1 20170106; KR 20120016624 A 20120224; US 10153822 B2 20181211; US 10516466 B2 20191224; US 10903891 B2 20210126; US 2012039257 A1 20120216; US 2014376504 A1 20141225; US 2017201311 A1 20170713; US 2018062725 A1 20180301; US 2019089444 A1 20190321; US 2020112358 A1 20200409; US 8929286 B2 20150106; US 9712336 B2 20170718; US 9847826 B2 20171219; WO 2010128622 A1 20101111

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